



Defence
Infrastructure
Organisation

SAFETY ALERT

PART A

Subject: Hadar Range of ATEX Lighting Products – A-Belco Group

Number: SA 2017/04

DIO Sponsor: Bryan Dunn

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Who Should Read this:

1. DIO Service Manager (or equivalent for non NGECC contracts)
2. DIO's Maintenance Management Organisations
3. Others

Others interested in the content of this Safety Alert might include:

Top Level Budget Holders, Prime Contractors, Private Finance Initiatives, Public, Private Partnership and other traditionally procured contracts; Project Managers, Infrastructure Managers, and Property Managers with responsibility for MoD projects and Property Management Works Services (including the legacy work of EWCs/WSMs), Coordinating Authorising Engineers, Heads of Establishment and Health & Safety Advisors., Authorising Engineers, Authorised Persons.

This Safety Alert does not necessarily cover all aspects of the subject matter and readers should make themselves aware of other potential issues. Readers should also not rely on DIO Safety Alerts as their only means of becoming aware of safety issues, but they should consult widely across other media to maintain awareness.

When it takes effect: Immediately

When it is due to expire: When updated or rescinded.

Health and Safety

Aim

1. To bring to the attention of appropriate persons a potential defect and non-compliance with regard to the Hadar Division of the A-Belco Group ATEX range of lighting products HDL100, HDL106, HDL 109 or HDL206 series manufactured during the period 2006 - 2016 which are intended for use in potentially explosive atmospheres.

Introduction

2. Compliance with the contents of this Alert will enable compliance with the Health & Safety at Work etc Act 1974 and its subordinate Regulations.
3. The appropriate MOD officer shall arrange for the Maintenance Management Organisation (MMO) contractor to carry out all actions in accordance with this Alert.
4. Any work required as a result of this Safety Alert must be carried out in accordance with JSP 375 Part 2 Volume 3 – High Risk Activities on the Defence Estate
5. On MOD Establishments occupied by United States Visiting Forces (USVF) responsibility is jointly held by USVF and DIO(USF). At base level this jointly managed organisation is to take appropriate action to implement the contents of this Alert. Where this Alert contains procedures which differ significantly from USVF practice, DIO (USF) code of practice will be issued.

Background

6. Testing of sample products by a Notified Body has identified that Hadar ATEX luminaires HDL100, HDL106, HDL 109 or HDL206 series manufactured between 2006 –16 do not meet the required standards for impact resistance, ingress protection or the essential Health and Safety Requirements of the ATEX Directives (94/9/EC and its replacement 2014/34/EU). As such they are not considered to comply with the Directive (or the UK implementing Regulations “The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 1996” (SI 1996-192). Consequently these luminaires may present a source of ignition that could result in fire or explosion when used in potentially flammable atmospheres identified under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) 2002. A HSE Safety Alert has been issued in response to these findings, which can be accessed using link below.

Requirement

Part A.

7. The Maintenance Management Organisation (MMO), on direction from the DIO Service Manager (or equivalent), should establish if Hadar HDL100, HDL106, HDL 109 or HDL206 manufactured during the period 2006 - 2016 are installed or stored on any sites they are responsible for. If found, they should be inspected for signs of water ingress or housing deterioration. The location, serviceability, if within hazardous zone, quantity, serial number of each unit and date of manufacture is to be recorded.

8. A Risk Assessment is to be conducted by suitably competent persons (typically including site/establishment health and safety team together with MMO technical specialist) with respect to the need for isolation of the luminaires and all identified mitigation actions are to be in place prior to undertaking actions in para 9 below. This is to ensure no new additional risks are introduced into the working environment.

9. HDL100, HDL106, HDL109 and HDL206 luminaires that are identified as being installed within a hazardous zone as detailed by the DSEAR risk assessment, are to be isolated or otherwise made safe. If the luminaires are to be isolated the site 4Cs duty holder should be notified of this inspection and results and the need to update site risk registers.

10. The MMO is to notify the DIO Service Delivery Performance Management Team, DIO SD-Perf Mgt Team (MULTIUSER) account, through their respective DIO Service Manager identifying the location (and if DSEAR Hazardous area), if luminaire isolated or not, quantity and date of manufacture. **A nil return is required for Establishments where this equipment is not installed.**

11. The requested data is required by the 26th May 2017 and will be reviewed on 02nd June 2017.

12. Further information will follow with the issue of **Part B** to this Safety Alert once the extent and scope of the affected estate has been established.

Additional Information:

Manufacturer's Contact Information:

Mark Poutney of Hubbell Ltd based in Glasgow, Scotland UK:

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Related Documents

- a. <http://www.hse.gov.uk/safetybulletins/atex-lighting.htm>
- b. <http://www.hadar-lighting.com/downloads/Hadar-HSE-Hubbell-Response.pdf>

End.